

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 2986P029C

First Inventor Iu-Meng Tom Ho

Title Power and Ground Mesh to Remove Capacitive and Inductive Signal Coupling Effects of Routing in Integrated Circuit Device

Express Mail Label No. EV336589817US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO:  
Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450230387 U.S. PTO  
10/810748

032604

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original and a duplicate for fee processing)*
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification *[Total Pages 25]*  
*(preferred arrangement set forth below)*
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings *(if filed)*
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) *(35 U.S.C. 113)* *[Total Sheets 10]*
5. Oath or Declaration (signed) *[Total Pages 2]*
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 C.F.R. § 1.63(d)) *(for continuation/divisional with Box 18 completed)*
    - i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76
7.  CD-ROM or CD-R in duplicate, large table or Computer Program *(Appendix)*
8. Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all necessary)*
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies
9.  Assignment Papers (cover sheet & document(s))
10.  37 C.F.R. § 3.73(b) Statement  Power of Attorney *(when there is an assignee)*
11.  English Translation Document *(if applicable)*
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
13.  Preliminary Amendment  Application Amended to Reflect Claim of Priority
14.  Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*
15.  Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).  
Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other: Submission of Formal Drawings; Check in the amount of \$1,470.00; Revocation and Power of Attorney

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation  Divisional  Continuation-in-part (CIP)

of prior application No: 10/132,996

Prior application Information: Examiner Thien F. Tran Group/Art Unit: 2811

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

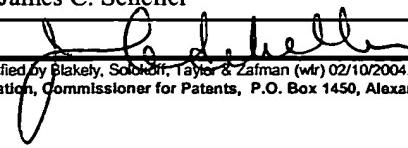
**19. CORRESPONDENCE ADDRESS** Customer Number

08791

or  Correspondence address below

Name	Blakely, Sokoloff, Taylor & Zafman LLP			
Address	12400 Wilshire Boulevard, 7th Floor			
City	Los Angeles	State	California	Zip Code
Country		Telephone	(408) 720-8300	Fax (408) 720-8383

Name (Print/Type) James C. Scheller Registration No. (Attorney/Agent) 31,195

Signature 

Date 3/26/2004

23026  
S. PTO

# FEE TRANSMITTAL for FY 2004

Effective 10/01/2004. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$)

1,470.00

## Complete if Known

Application Number	Not Yet Assigned
Filing Date	March 26, 2004
First Named Inventor	Iu-Meng Tom Ho
Examiner Name	Thien F. Tran
Art Unit	2811
Attorney Docket No.	2986P029C

## METHOD OF PAYMENT (check all that apply)

Check     Credit card     Money Order     Other     None

Deposit Account

Deposit Account Number **02-2666**Deposit Account Name **Blakely, Sokoloff, Taylor & Zafman LLP**

The Commissioner is authorized to: (check all that apply)

- Charge fee(s) indicated below     Credit any overpayments
- Charge any additional fee(s) or underpayment of fees as required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.
- Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	<b>770.00</b>
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)		(\$)			<b>770.00</b>

## 2. EXTRA CLAIM FEES

Total Claims	35	- 20* =	15	X	18.00	=	\$270.00
Independent Claims	8	- 3* =	5	X	86.00	=	\$430.00

Multiple Dependent

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple Dependent claim, if not paid	
1204	86	2204	43	**Reissue independent claims over original patent	
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)		(\$)			<b>700.00</b>

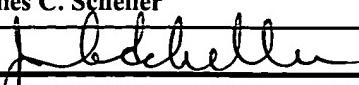
\*\*or number previously paid, if greater. For Reissues, see below

## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1051	130	2051	65 Surcharge - late filing fee or oath
1052	50	2052	25 Surcharge - late provisional filing fee or cover sheet.
2053	130	2053	130 Non-English specification
1812	2,520	1812	2,520 For filing a request for ex parte reexamination
1804	920*	1804	920 * Requesting publication of SIR prior to Examiner action
1805	1,840*	1805	1,840 * Requesting publication of SIR after Examiner action
1251	110	2251	55 Extension for reply within first month
1252	420	2252	210 Extension for reply within second month
1253	950	2253	475 Extension for reply within third month
1254	1,480	2254	740 Extension for reply within fourth month
1255	1,210	2255	605 Extension for reply within fifth month
1404	330	2401	165 Notice of Appeal
1402	330	2402	165 Filing a brief in support of an appeal
1403	290	2403	145 Request for oral hearing
1451	1,510	2451	1,510 Petition to institute a public use proceeding
1452	110	2452	55 Petition to revive - unavoidable
1453	1,330	2453	665 Petition to revive - unintentional
1501	1,330	2501	665 Utility issue fee (or reissue)
1502	480	2502	240 Design issue fee
1503	640	2503	320 Plant issue fee
1460	130	2460	130 Petitions to the Commissioner
1807	50	1807	50 Prosessing fee under 37 CFR 1.17(q)
1806	180	1806	180 Submission of Information Disclosure Stmt
8021	40	8021	40 Recording each patent assignment per property (times number of properties)
1809	770	1809	385 Filing a submission after final rejection (37 CFR § 1.129(a))
1810	770	2810	385 For each additional invention to be examined (37 CFR § 1.129(b))
1801	770	2801	385 Request for Continued Examination (RCE)
1802	900	1802	900 Request for expedited examination of a design application
Other fee (specify)			
* Reduced by Basic Filing Fee Paid			
SUBTOTAL (3)		(\$)	

SUBTOTAL (3) (\$)

## SUBMITTED BY

Name (Print/Type)	James C. Scheller	Registration No. (Attorney/Agent)	31,195	Telephone	(408) 720-8300	Complete (if applicable)
Signature				Date	3/26/2004	

Based on PTO/SB/17 (10-03) as modified by Blakely, Sokoloff, Taylor & Zafman (wtr) 02/10/2004.  
SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Iu-Meng Tom Ho

Application No.: Not Yet AssignedFiling Date: HerewithFor: Power and Ground Mesh to Remove  
Capacitive and Inductive Signal  
Coupling Effects of Routing in  
Integrated Circuit Device)      Examiner: Not Yet Assigned  
)      Art Unit: Not Yet Assigned

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EXPRESS MAIL CERTIFICATE OF MAILING) "Express Mail" mailing label number: EV3365898174US  
) I hereby certify that I am causing this paper or fee to be deposited with  
the United States Postal Service "Express Mail Post Office to  
Addressee" service on the date indicated above and that this paper or  
fee has been addressed to Commissioner for Patents, P.O. Box 1450,  
Alexandria, VA 22313-1450 on:3.26.04

(Date of Deposit)

KATHLEEN K. MUTO

(Name of Person Mailing Correspondence)

Kathleen K. Muto 3.26.04

(Signature)

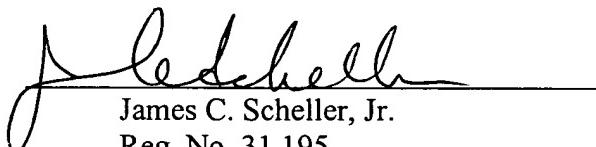
(Date)

Commissioner for Patents  
P.O. Box 1450,  
Alexandria, VA 22313-1450SUBMISSION OF FORMAL DRAWINGS

Transmitted herewith is a complete set of formal drawings, comprising ten (10) sheets  
and ten (10) figures for the above-identified application.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR &amp; ZAFMAN

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